

chain nodes :

8	9	10	13	14	17	24	25	26	27	28	29	30	31	32	33	39	40	41	42	54	55	56	105
57	58	59	60	61	62	63	64	65	66	68	69	70	71	72	73	74	90	91	92	93	94	95	

ring nodes :

1	2	3	4	5	6	18	19	20	21	22	23	34	35	36	37	38	43	44	45	46	47	75	76
77	78	79	80	81	82	83	84	85	86	87	88	89											

chain bonds :

3-8	4-105	5-54	8-9	9-10	10-13	13-14	17-18	17-24	25-26	26-27	28-29	28-30	29-31									
31-32	33-34	35-41	36-40	38-39	42-43	55-56	55-58	55-62	56-57	59-60	59-63	60-61										
64-65	64-68	64-69	65-66	70-71	70-72	73-74	77-90	78-92	83-94	87-91	88-93											

ring bonds :

1-2	1-6	2-3	3-4	4-5	5-6	18-19	18-23	19-20	20-21	21-22	22-23	34-35	34-38	35-36								
36-37	37-38	43-44	43-47	44-45	45-46	46-47	75-76	75-79	76-77	77-78	78-79	80-81										
80-84	81-82	82-83	83-84	85-86	85-89	86-87	87-88	88-89														

exact/norm bonds :

3-8	5-54	13-14	17-18	18-19	18-23	19-20	20-21	21-22	22-23	28-29	29-31	34-35										
34-38	35-36	36-37	37-38	43-44	43-47	44-45	45-46	46-47	55-56	55-58	55-62	59-60										
59-63	64-65	64-68	64-69	65-66	70-71	73-74	75-76	75-79	76-77	77-78	78-79	78-92										
80-81	80-84	81-82	82-83	83-84	83-94	85-86	85-89	86-87	87-88	88-89	88-93											

exact bonds :

4-105	8-9	9-10	10-13	17-24	25-26	26-27	28-30	31-32	33-34	35-41	36-40	38-39										
42-43	56-57	60-61	70-72	77-90	87-91																	

normalized bonds :

1-2	1-6	2-3	3-4	4-5	5-6
-----	-----	-----	-----	-----	-----

isolated ring systems :

containing 1 :

G2:[*1],[*2],[*3],[*4],[*5]

G3:H,Cy,Ak

G4:[*6],[*7],[*8],[*9],[*10],[*11],[*12],[*13]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 10:CLASS 13:CLASS
14:CLASS 17:CLASS 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:CLASS
25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS
34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:CLASS 40:CLASS 41:CLASS 42:CLASS
43:Atom 44:Atom 45:Atom 46:Atom 47:Atom 54:CLASS 55:CLASS 56:CLASS 57:CLASS
58:CLASS 59:CLASS 60:CLASS 61:CLASS 62:Atom 63:Atom 64:CLASS 65:CLASS 66:CLASS
68:CLASS 69:CLASS 70:CLASS 71:CLASS 72:CLASS 73:CLASS 74:CLASS 75:Atom 76:Atom
77:Atom 78:Atom 79:Atom 80:Atom 81:Atom 82:Atom 83:Atom 84:Atom 85:Atom 86:Atom
87:Atom 88:Atom 89:Atom 90:CLASS 91:CLASS 92:Atom 93:Atom 94:Atom 105:CLASS

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=>
Uploading C:\STNEXP4\QUERIES\10046616.str

L1 STRUCTURE uploaded

=> que L1

L2 QUE L1

=> d l1
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 13:50:12 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 153 TO ITERATE

100.0% PROCESSED 153 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2318 TO 3802
PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> s l1 sss ful
FULL SEARCH INITIATED 13:50:20 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3118 TO ITERATE

100.0% PROCESSED 3118 ITERATIONS 5 ANSWERS
SEARCH TIME: 00.00.01

L4 5 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 148.15 148.36

FILE 'CAPLUS' ENTERED AT 13:50:27 ON 30 NOV 2003
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FILE COVERS 1907 - 30 Nov 2003 VOL 139 ISS 23
FILE LAST UPDATED: 28 Nov 2003 (20031128/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

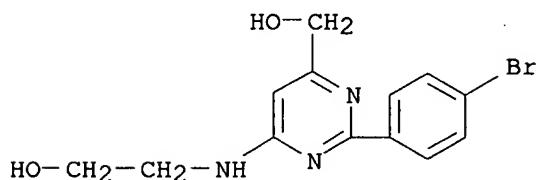
=> s 14
L5 2 L4

=> d 15 1-2 bib hitstr

V. Balasubramanian

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:261678 CAPLUS
DN 138:287691
TI Preparation of 4-aminopyrimidine derivatives as insulin secretion accelerators
IN Yonetoku, Yasuhiro; Maruyama, Tatsuya; Negoro, Kenji; Moritomo, Hiroyuki; Imanishi, Naoki; Shimada, Itsuro; Moritomo, Ayako; Hamaguchi, Wataru; Misawa, Hana; Yoshida, Shigeru; Ohishi, Takahide
PA Yamanouchi Pharmaceutical Co., Ltd., Japan
SO PCT Int. Appl., 82 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003026661	A1	20030403	WO 2002-JP9350	20020912
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	JP 2001-279671	A	20010914		
	JP 2002-121012	A	20020423		
OS	MARPAT	138:287691			
IT	504404-63-1P	2-[2-(4-Bromophenyl)-6-(hydroxymethyl)pyrimidin-4-yl]amino]ethanol			
	RL:	PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)			
		(prepn. of 4-aminopyrimidine derivs. as insulin secretion accelerators for treating diabetes, insulin-resistant diseases, and obesity)			
RN	504404-63-1	CAPLUS			
CN	4-Pyrimidinemethanol, 2-(4-bromophenyl)-6-[(2-hydroxyethyl)amino]- (9CI)	(CA INDEX NAME)			



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:63992 CAPLUS

DN 134:116237

TI Preparation of bradykinin B1 receptor antagonists

IN Ohlmeyer, Michael H. J.; Baldwin, John J.; Dolle, Roland E., III;
Paradkar, Vidyadhar; Quintero, Jorge Gabriel; Pan, Gonghua

PA Pharmacopeia, Inc., USA

SO PCT Int. Appl., 231 pp.

CODEN: PIXXD2

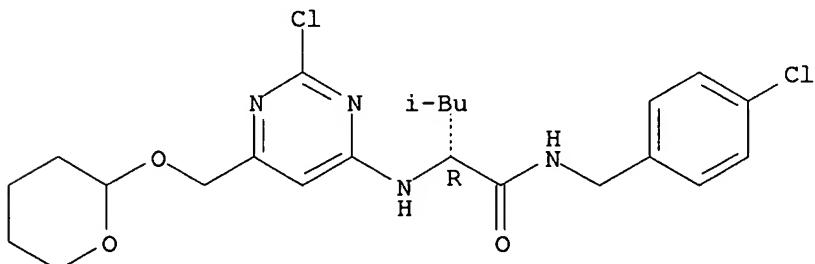
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001005783	A1	20010125	WO 2000-US19185	20000714
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1196411	A1	20020417	EP 2000-950343	20000714
	EP 1196411	B1	20030917		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2003505384	T2	20030212	JP 2001-511442	20000714
PRAI	US 1999-14390P	P	19990715		
	WO 2000-US19185	W	20000714		
OS	MARPAT	134:116237			
IT	321329-06-0P 321329-08-2P 321329-10-6P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. of bradykinin B1 receptor antagonists)				
RN	321329-06-0	CAPLUS			
CN	Pentanamide, N-[(4-chlorophenyl)methyl]-2-[[2-chloro-6-[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyrimidinyl]amino]-4-methyl-, (2R)- (9CI) (CA INDEX NAME)				

Absolute stereochemistry.



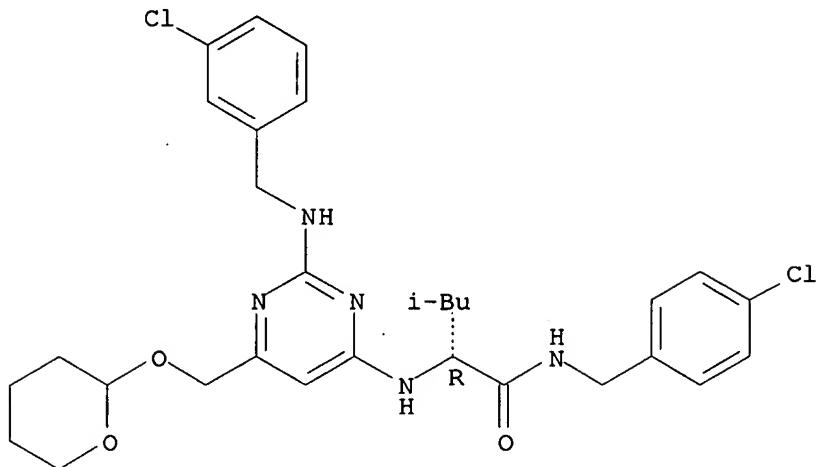
RN 321329-08-2 CAPLUS

CN Pentanamide, N-[(4-chlorophenyl)methyl]-2-[[2-[(3-chlorophenyl)methyl]amino]-6-[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-

V. Balasubramanian

pyrimidinyl]amino]-4-methyl-, (2R)- (9CI) (CA INDEX NAME)

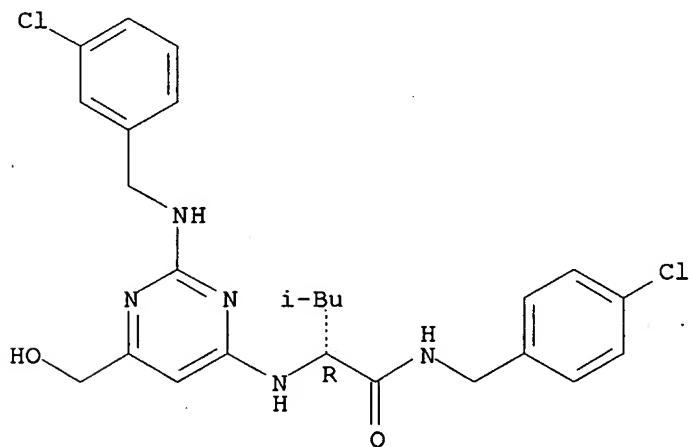
Absolute stereochemistry.



RN 321329-10-6 CAPLUS

CN Pentanamide, N-[(4-chlorophenyl)methyl]-2-[[2-[(3-chlorophenyl)methyl]amino]-6-(hydroxymethyl)-4-pyrimidinyl]amino]-4-methyl-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 321329-14-0P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of bradykinin B1 receptor antagonists)

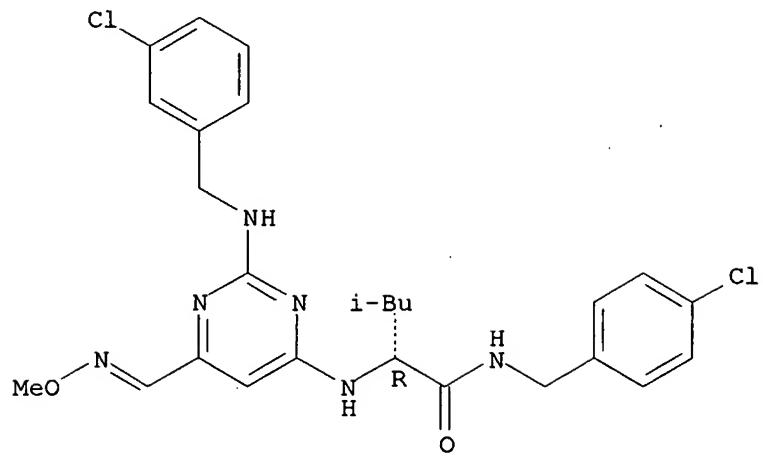
RN 321329-14-0 CAPLUS

CN Pentanamide, N-[(4-chlorophenyl)methyl]-2-[[2-[(3-chlorophenyl)methyl]amino]-6-[(methoxyimino)methyl]-4-pyrimidinyl]amino]-4-methyl-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry unknown.

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RE.CNT 4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
6.68	155.04

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2	555	(544/318) .CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:23
3	754	(544/320) .CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
4	831	(544/321) .CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
5	429	(544/324) .CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
6	390	(544/326) .CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
7	351	(544/328) .CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
8	825	(544/331) .CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
9	1209	(514/269) .CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:26
10	825	(514/275) .CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:26

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1	636	(544/310).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:23
2	555	(544/318).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:23
3	754	(544/320).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
4	831	(544/321).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
5	429	(544/324).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
6	390	(544/326).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
7	351	(544/328).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
8	825	(544/331).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
9	1209	(514/269).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:26
10	825	(514/275).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:26